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P56894**REMARKS**

This Amendment/Response is prepared in response to the first Office action mailed on 5 February 2008 (Paper No. 20080125).

Claim 17 has been newly added.

Claim Rejection Under 35 U.S.C. §102

Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Motley (US 6,721,282).

The present invention discloses that a composite voice service terminal apparatus enables a user or subscriber to selectively use Subscriber Line Interface Circuit/Subscriber Line Audio processing Circuit (SLIC/SLAC), voice digital signal processor (DSP), processor, asymmetric digital subscriber line digital signal processor (ADSL DSP), asymmetric digital subscriber line analog front end (ADSL AFE), multiplexer (MUX) for outputting data to one of the channels from the digital tone generating unit and the voice digital signal processor, digital tone generating unit for including sources of a dial tone, ring back tone, busy tone, and guide tones of voice over Internet protocol (VoIP), voice over digital subscriber line (VoDSL), and voice over multi-service broadband networks (VoMBN), generating a tone corresponding to a selected mode, and transmitting the tone to the Subscriber Line Interface Circuit/Subscriber Line Audio processing Circuit through the multiplexer, and a relay switch to maintain an on state so that the user can use a general phone, and receive an off signal from the processor and interrupt a general phone line when the user has pressed a specific digit for digital network services.

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Motley describes a telecommunication data compression device in which a public switched telephone network (PSTN) signal is converted to Ethernet TCP/IP format.

One of the key features and the present invention is its ability to select either general analog phone communications, voice over Internet protocol communications, voice over digital subscriber line communications and voice over multi-service broadband networks communication utilizing a single device.

Nowhere in Motley is there a discussion or suggestion related to selection between a PSTN mode, a voice over Internet protocol mode, a voice over digital subscriber line mode, and a voice over multi-service broadband networks mode. However, independent claims 1, 5 and 12 recite "the selected mode being a mode selected from at least a voice over Internet protocol mode, a voice over digital subscriber line mode, and a voice over multi-service broadband networks mode". No such selection between the recited mode takes place in Motley. Therefore, independent claims 1, 5 and 12 patentably distinguish over the prior art relied upon, by reciting, as exemplified by claim 1,

"An apparatus, comprising: a converting unit receiving a voice signal and performing at least one selected from among analog to digital conversion and digital to analog conversion on the voice signal; a first processor receiving the voice signal from said converting unit, storing a plurality of procedures, the procedures conforming to predetermined standards of a plurality of voice communication modes, the plurality of voice communication modes including a selected mode, said first processor performing the stored procedure corresponding to the selected mode to cause the voice signal to comply with the predetermined standard corresponding to the selected mode, the selected mode being a mode selected from at least a voice over Internet protocol mode, a voice over digital subscriber line mode, and a voice over multi-service broadband networks mode; a digital tone generating unit storing a plurality of sources of tones for phone functions, storing tones corresponding to the plurality of voice communication modes, generating at least one tone corresponding to the selected mode; a multiplexer receiving and multiplexing the at least one tone from said digital tone generating unit and the processed voice signal from said first processor, and outputting the multiplexed signal to said converting unit; a second processor confirming the selected mode and outputting information identifying the

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confirmed selected mode to said digital tone generating unit and to said first processor; a relay switch receiving an off signal from said second processor and interrupting a central office phone line when a predetermined code is selected, the predetermined code corresponding to the voice communication modes including digital network services, and maintaining an on state when a general central office phone digit is selected; a third processor being in communication with said second processor, supporting communication during transmission of asymmetric digital subscriber line data, said third processor removing generated noise; and an analog front end being in communication with said third processor, supporting matching of an asymmetric digital subscriber line, and enabling bi-directional dual communication of the asymmetric digital subscriber line data." (Emphasis Added)

The applicant must respectfully disagree with the Examiner. There is no similarity between Ethernet TCP/IP and the above identified modes with the exception that they are digital in nature and based on packets. Therefore, the Applicant must strongly traverse the Examiner's grounds of rejection.

New Claim


New claim 17 is being added to this application. Claim 17 finds support to the specification. No new matter is being added. Therefore, allowance of new claim 17 is respectfully requested.

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P56894**Conclusion**

No other issues remaining, reconsideration and favorable action upon all of the claims now present in the application is respectfully requested. Should any questions remain unresolved, the Examiner is requested to telephone Applicant's undersigned attorney.

No fees are incurred by this Amendment.

Respectfully submitted,


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